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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/078,757B

DATE: 07/10/2002 P.6
TIME: 10:51:17

Input Set : A:\598-0CON1SEQLIST.TXT
Output Set: N:\CRF3\07102002\J078757B.raw

4 <110> APPLICANT: BARBAS, Carlos F., III
5 RADER, Christoph
7 <120> TITLE OF INVENTION: HUMANIZATION OF MURINE ANTIBODY
10 <130> FILE REFERENCE: TSRI 598.0 Con1
12 <140> CURRENT APPLICATION NUMBER: US 10/078,757B
13 <141> CURRENT FILING DATE: 2002-02-19
15 <150> PRIOR APPLICATION NUMBER: US 08/986,016
16 <151> PRIOR FILING DATE: 1997-12-05
18 <160> NUMBER OF SEQ ID NOS: 56
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 8
24 <212> TYPE: PRT
25 <213> ORGANISM: Mus Musculus
27 <220> FEATURE:
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30 His Asn Tyr Gly Ser Phe Ala Tyr
31 1 5
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 9
36 <212> TYPE: PRT
37 <213> ORGANISM: Mus Musculus
39 <220> FEATURE:
41 <400> SEQUENCE: 2
42 Gln Gln Ser Asn Ser Trp Pro His Thr
43 1 5
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 37
48 <212> TYPE: DNA
49 <213> ORGANISM: Homo Sapiens
51 <400> SEQUENCE: 3
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54 <210> SEQ ID NO: 4
55 <211> LENGTH: 37
56 <212> TYPE: DNA
57 <213> ORGANISM: Homo Sapiens
59 <220> FEATURE:
61 <400> SEQUENCE: 4
62 gggcccaggg gggcggagctc gtgtatgaccc agtctcc 37
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 37
66 <212> TYPE: DNA
67 <213> ORGANISM: Homo Sapiens

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69 <220> FEATURE:
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 74 <210> SEQ ID NO: 6
 75 <211> LENGTH: 37
 76 <212> TYPE: DNA
 77 <213> ORGANISM: Homo Sapiens
 79 <220> FEATURE:
 81 <400> SEQUENCE: 6
 82 gggcccaggc ggccgagctc acactcacgc agtctcc 37
 84 <210> SEQ ID NO: 7
 85 <211> LENGTH: 23
 86 <212> TYPE: DNA
 87 <213> ORGANISM: Homo Sapiens
 89 <220> FEATURE:
 91 <400> SEQUENCE: 7
 92 cagtaataca ctgcaaaatc ttc 23
 94 <210> SEQ ID NO: 8
 95 <211> LENGTH: 23
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Homo Sapiens
 99 <220> FEATURE:
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 102 cagtaataaa ccccaacatc ctc 23
 104 <210> SEQ ID NO: 9
 105 <211> LENGTH: 40
 106 <212> TYPE: DNA
 107 <213> ORGANISM: Homo Sapiens
 109 <220> FEATURE:
 111 <400> SEQUENCE: 9
 112 gggcccaggc ggccgagctc gtgbtgacgc agccgcctc 40
 114 <210> SEQ ID NO: 10
 115 <211> LENGTH: 40
 116 <212> TYPE: DNA
 117 <213> ORGANISM: Homo Sapiens
 119 <220> FEATURE:
 121 <400> SEQUENCE: 10
 122 gggcccaggc ggccgagctc gtgctgactc agccaccctc 40
 124 <210> SEQ ID NO: 11
 125 <211> LENGTH: 43
 126 <212> TYPE: DNA
 127 <213> ORGANISM: Homo Sapiens
 129 <220> FEATURE:
 131 <400> SEQUENCE: 11
 132 gggcccaggc ggccgagctc gccctgactc agcctccctc cgt 43
 134 <210> SEQ ID NO: 12
 135 <211> LENGTH: 46
 136 <212> TYPE: DNA
 137 <213> ORGANISM: Homo Sapiens

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145 <211> LENGTH: 40
146 <212> TYPE: DNA
147 <213> ORGANISM: Homo Sapiens
149 <220> FEATURE:
151 <400> SEQUENCE: 13
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155 <211> LENGTH: 40
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo Sapiens
159 <220> FEATURE:
161 <400> SEQUENCE: 14
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164 <210> SEQ ID NO: 15
165 <211> LENGTH: 40
166 <212> TYPE: DNA
167 <213> ORGANISM: Homo Sapiens
169 <220> FEATURE:
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174 <210> SEQ ID NO: 16
175 <211> LENGTH: 40
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo Sapiens
179 <220> FEATURE:
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185 <211> LENGTH: 40
186 <212> TYPE: DNA
187 <213> ORGANISM: Homo Sapiens
189 <220> FEATURE:
191 <400> SEQUENCE: 17
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195 <211> LENGTH: 21
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo Sapiens
199 <220> FEATURE:
201 <400> SEQUENCE: 18
202 gcagtaataa tcagccctct c 21
204 <210> SEQ ID NO: 19
205 <211> LENGTH: 44
206 <212> TYPE: DNA
207 <213> ORGANISM: Homo Sapiens

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Input Set : A:\598-0CON1SEQLIST.TXT
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209 <220> FEATURE:
211 <400> SEQUENCE: 19
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214 <210> SEQ ID NO: 20
215 <211> LENGTH: 44
216 <212> TYPE: DNA
217 <213> ORGANISM: Homo Sapiens
219 <220> FEATURE:
221 <400> SEQUENCE: 20
222 gctgcccaac cagccatggc ccagatcacc ttgaaggagt ctgg 44
224 <210> SEQ ID NO: 21
225 <211> LENGTH: 44
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo Sapiens
229 <220> FEATURE:
231 <400> SEQUENCE: 21
232 gctgcccaac cagccatggc cgaggtgcag ctgggtgsagt ctgg 44
234 <210> SEQ ID NO: 22
235 <211> LENGTH: 44
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo Sapiens
239 <220> FEATURE:
241 <400> SEQUENCE: 22
242 gctgcccaac cagccatggc ccaggtgcag ctgcaggagt cggg 44
244 <210> SEQ ID NO: 23
245 <211> LENGTH: 24
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo Sapiens
249 <220> FEATURE:
251 <400> SEQUENCE: 23
252 cgcacagtaa tacacggccg tgtc 24
254 <210> SEQ ID NO: 24
255 <211> LENGTH: 21
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: PCR Primer for PelB Leader Sequence
262 <400> SEQUENCE: 24
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265 <210> SEQ ID NO: 25
266 <211> LENGTH: 24
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo Sapiens
270 <220> FEATURE:
272 <400> SEQUENCE: 25
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275 <210> SEQ ID NO: 26
276 <211> LENGTH: 8
277 <212> TYPE: PRT

RAW SEQUENCE LISTING

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278 <213> ORGANISM: Homo Sapiens
280 <220> FEATURE:
282 <400> SEQUENCE: 26
283 Asp Thr Ala Val Tyr Tyr Cys Ala
284 1 5
287 <210> SEQ ID NO: 27
288 <211> LENGTH: 8
289 <212> TYPE: PRT
290 <213> ORGANISM: Mus Musculus
292 <220> FEATURE:
294 <400> SEQUENCE: 27
295 Asp Thr Ala Met Tyr Tyr Cys Ala
296 1 5
299 <210> SEQ ID NO: 28
300 <211> LENGTH: 69
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Synthetic PCR Primer
307 <400> SEQUENCE: 28
308 gacacggccg tgtattactg tgcgcgtcat aactacggca gtttgctta ctggggccag 60
309 ggaaccctg 69
311 <210> SEQ ID NO: 29
312 <211> LENGTH: 42
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic PCR Primer
319 <400> SEQUENCE: 29
320 gaggaggagg aggagactag ttttgcaca agattggc tc 42
322 <210> SEQ ID NO: 30
323 <211> LENGTH: 73
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Synthetic PCR Primer
330 <400> SEQUENCE: 30
331 gaagattttg cagtgttata ctgccccaca gagtaacagc tggcctcaca cgtttggcca 60
332 ggggaccaag ctg 73
334 <210> SEQ ID NO: 31
335 <211> LENGTH: 21
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Synthetic PCR Primer
342 <400> SEQUENCE: 31
343 aatacgaactc actataggc g 21
345 <210> SEQ ID NO: 32
346 <211> LENGTH: 72

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/10/2002
PATENT APPLICATION: US/10/078,757B TIME: 10:51:18

Input Set : A:\598-0CON1SEQLIST.TXT
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:46; N Pos. 26,27,29,30,32,33,35,36

VERIFICATION SUMMARY

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L:545 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46

L:546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0